

Detailed Estimate

OD/367/3527/120668/406664/00017151 : Maintenance of Kendudhipi U.G.M.E School
Block : Nayagarh, Gram Panchayat : Kendudhipi
Created By:Manoja Kumar Sethi

1. R.C.C. Work (AR0404Ac) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge. (RCC Beams, Column, Girder & Bressmer etc)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Beam lw	3.000	15.450	0.250	0.175	1.000	2.028	-
ii	Roof Beam sw	2.000	7.450	0.250	0.175	1.000	0.652	-
iii	Hanging Beam	2.000	7.450	0.250	0.300	1.000	1.118	-
iv	Column	15.000	0.250	0.380	0.900	1.000	1.283	-
Total Quantity					5.0796875 cum (cum)		5.0796875 Cum (Cubic Meter)	
Amount					5.0796875 X 14059.287342717		71416.79	
2. R.C.C. Work (AR0404Ag) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Roof slab, landing, balcony, sun shade)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	15.900	7.600	0.125	1.000	15.105	-
Total Quantity					15.105 cum (cum)		15.105 Cum (Cubic Meter)	
Amount					15.105 X 12305.418359788		185873.34	
3. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Concrete quantity	1.000	20.000	0.000	0.000	100.000	2000.000	-
Total Quantity					2000 Kg (Kilo Gram)		20 Qntl (Quintal)	
Amount					20 X 8929.3601565		178587.20	

4. Plastering (AR1017) : 20mm thick cement Plaster in CM (1:4) over brick work in inside.

20mm thick cement Plaster in CM (1:4) over stone work in inside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof Slab	1.000	15.900	7.600	0.000	1.000	120.840	-
Total Quantity					120.84 Sqm (Sqm)		120.84 Sqm (Square Meter)	
Amount					120.84 X 273.326479568		33028.77	

5. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth having crushing strength not less than 75.00 Kg/cm² with dimensional tolerance ± 8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	1.000	14.950	0.250	0.750	1.000	2.803	-
Total Quantity					2.803125 cum (cum)		2.803125 Cum (Cubic Meter)	
Amount					2.803125 X 5033.95815384		14110.81	

6. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	15.450	0.000	3.350	1.000	103.515	-
ii	window	4.000	1.200	0.500	1.200	1.000	-	2.880
iii	Door	4.000	1.200	0.500	2.100	0.000	-	5.040

Total Quantity	95.595 Sqm (Sqm)	95.595 Sqm (Square Meter)
Amount	95.595 X 172.965007426	16534.59
Total Amount		499551.51
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		0.00
Display Citizen Board (+) @		448.40
Any Other Lumpsum (+) @		
Total Addition		448.40
Grand Net Total Amount		499999.91